

US9092428 B1 Claim chart
VS
Harbor Freight Tools

U.S. Patent No. US9092428

Inventor: Guangsheng Zhang

Current Assignee: LINFO IP LLC

Worldwide applications

2014 US

Application US14/225,422 events

2013-03-25 Priority to US201361805141P

2013-04-09 Priority to US201361809893P

2014-03-25 Application filed by Guangsheng Zhang

2014-03-25 Priority to US14/225,422

2016-08-30 Application granted

2016-08-30 Publication of US9430131B1

2021-08-09 Assigned to LINFO IP LLC

2021-09-09 First worldwide family litigation filed

Status Active

2034-10-31 Adjusted expiration

Related Products

- The following chart is based on Harbor Freight Tools 's web site.

CUSTOMER REVIEWS

4.7

Out of 5

★★★★★

Based on 4717 Reviews

5 Stars

3700

4 Stars

766

3 Stars

101

2 Stars

56

1 Star

94

What Customers Like Best

Price

100+

Power

100+

Great Value

100+

Quality

100+

96%

of Customers Would Recommend This Item

Write A Review

Share your experience to help others

Tips for creating a great product review

CUSTOMER PHOTOS AND VIDEOS

good tool

X

930 Reviews Matching "good tool" | Clear search

★★★★★

Well made

August 17, 2022

✓ Recommended

✓ Price

✓ Power

✓ Easy to Use

✓ Quality

✓ Durability

✓ Great Value

Good quality tool.

Was this helpful? 0 0

★★★★★

Great driver/ screwdriver

February 28, 2022

✓ Recommended

✓ Price

✓ Power

✓ Quality

✓ Great Value

Bauer brand is a quality tool at a good price

Was this helpful? 1 0

★★★★★

Works Great!

July 8, 2022

✓ Recommended

✓ Price

✓ Power

✓ Easy to Use

✓ Quality

✓ Size/Weight

✓ Great Value

Got it for RV use. Good versatile tool.

Was this helpful? 0 0

★★★★★

good tool

August 6, 2022

✓ Recommended

✓ Price

✓ Power

✓ Easy to Use

✓ Quality

✓ Durability

✓ Size/Weight

✓ Great Value

Works great for home projects

Was this helpful? 0 0

★★★★★

good tool

September 21, 2022

✓ Recommended

✓ Price

✓ Easy to Use

✓ Quality

✓ Durability

✓ Great Value

Easy to use

Was this helpful? 0 0

US 9092428: Claims 1

1. A computer-assisted method for discovering information in a text content and extracting and presenting the information, comprising:

obtaining, by a computer system, a text content comprising one or more words or phrases or sentences, each being a term or an instance of a term;

selecting a first semantic attribute and a second semantic attribute for users to select from, wherein the first semantic attribute or the second semantic attribute includes an attribute type or attribute value;

wherein the first semantic attribute is associated with a first name or description, and the second semantic attribute is associated with a second name or description;

identifying a words or phrases in the text content associated with the first semantic attribute or the second semantic attribute;

displaying an actionable user interface object, wherein the actionable user interface object is associated with a label representing the first name or description or the second name or description;

allowing the user to select the first name or description or the second name or description as a user-specified or user-desired attribute;

and performing, by the computer system, an action on the word or phrase associated with the user-specified or user-desired semantic attribute, wherein the action includes at least extracting, displaying, storing, showing or hiding, or highlighting or un-highlighting the word or phrase.

US9092428: Claim 1

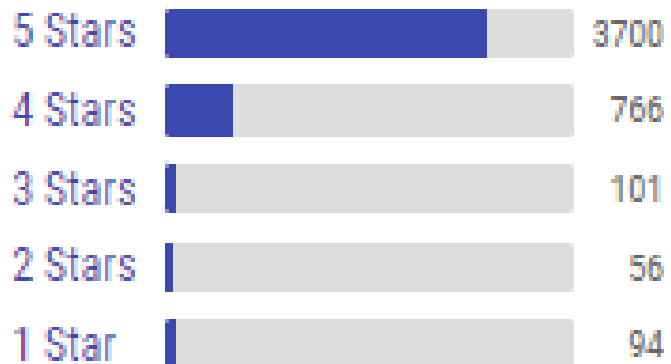
1. A computer-assisted method for discovering information in a text content and extracting and presenting the information, comprising:

For Example: Harbor Freight Tools 's web site has an interactive product review section that allows customers to filter reviews.

CUSTOMER REVIEWS



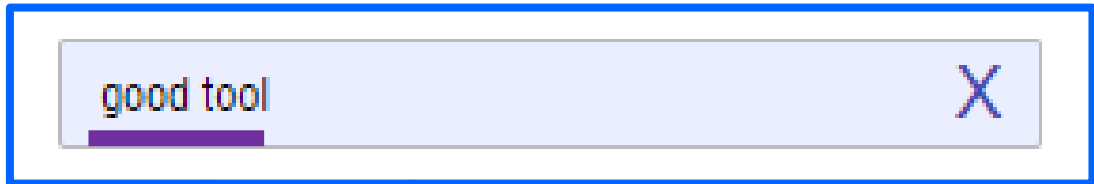
Based on 4717 Reviews



US9092428: Claim 1

obtaining, by a computer system, a text content comprising one or more words or phrases or sentences, each being a term or an instance of a term;

For Example: The customer inputs “good tool” in the review search section. Harbor Freight Tools ’s computer system will receive these terms “good tool”.

A screenshot of a search bar interface. The search bar is a light blue rectangle with a thin border. Inside, the text "good tool" is written in a dark blue font. To the right of the text is a blue "X" icon. Below the search bar, the text "930 Reviews Matching 'good tool' | Clear search" is visible in a smaller, lighter blue font.

930 Reviews Matching "good tool" | Clear search

<https://www.harborfreight.com/power-tools/drills-drivers/20v-cordless-12-in-drilldriver-kit-63531.html>

US9092428: Claim 1

selecting a first semantic attribute and a second semantic attribute for users to select from, wherein the first semantic attribute or the second semantic attribute includes an attribute type or attribute value;

For Example: the customer can select a first semantic attribute (5 * with 3700 reviews) and a second semantic attribute (1 * with 94 reviews). The first semantic attribute has an attribute type (5 stars) or an attribute value (3700 reviews).

CUSTOMER REVIEWS

4.7
Out of 5



Based on 4717 Reviews

5 Stars 3700

4 Stars 766

3 Stars 101

2 Stars 56

1 Star 94

<https://www.harborfreight.com/power-tools/drills-drivers/20v-cordless-12-in-drilldriver-kit-63531.html>

US9092428: Claim 1

wherein the first semantic attribute is associated with a first name or description, and the second semantic attribute is associated with a second name or description;

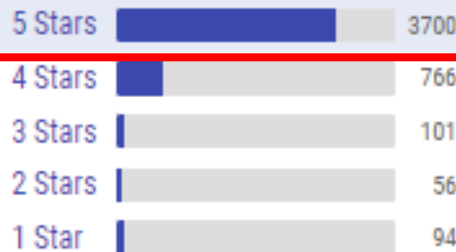
For Example: the first semantic attribute (5 stars with 4 reviews) is associated with a 5-star rated description "Good."

CUSTOMER REVIEWS

4.7
Out of 5



Based on 4717 Reviews



What Customers Like Best

Price	100+
Power	100+
Great Value	100+
Quality	100+

Write A Review

Share your experience to help others
Tips for creating a great product review

Search Reviews



3700 Reviews Matching "5 Stars" | Clear Filter



Good

- ✓ Recommended
- ✓ Price
- ✓ Power
- ✓ Easy to Use
- ✓ Quality
- ✓ Size/Weight
- ✓ Great Value
- ✓ Features

Good

Was this helpful? 😊 0 ☹️ 0 Report

US9092428: Claim 1

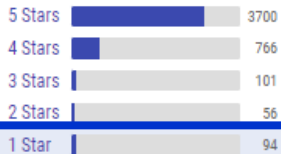
wherein the first semantic attribute is associated with a first name or description, and the second semantic attribute is associated with a second name or description;

For Example: the second semantic attribute (1* with 94 review) is associated with a 1-star rated description "Poor performance"

CUSTOMER REVIEWS

4.7
Out of 5

Based on 4717 Reviews



What Customers Like Best

Price	100+
Power	100+
Great Value	100+
Quality	100+

96%

of Customers Would Recommend This Item

Write A Review

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CUSTOMER PHOTOS AND VIDEOS



Search Reviews



Sort By:

Highest Rating



94 Reviews Matching "1 Star" | Clear Filter



Poor performance

Purchased this drill knowing you get what you pay for (inexpensive) but thought it would last more than using it for drilling 9 holes in metal ?.. battery on full charge drained after 7 holes ... didn't make it through the 9th hole before chuck system defect... returned for full refund

Tom P.
January 8, 2023

<https://www.harborfreight.com/power-tools/drills-drivers/20v-cordless-12-in-drilldriver-kit-63531.html>

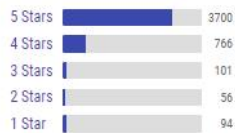
US9092428: Claim 1

identifying a words or phrases in the text content associated with the first semantic attribute or the second semantic attribute;

For Example: “Good tool” is a word that can be identified within the first semantic attribute.

CUSTOMER REVIEWS

4.7
Out of 5
★★★★★
Based on 4717 Reviews



What Customers Like Best

Price	100+
Power	100+
Great Value	100+
Quality	100+

96%
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CUSTOMER PHOTOS AND VIDEOS



good tool



930 Reviews Matching "good tool" | Clear search

★★★★★

Well made

August 17, 2022

- ✓ Recommended
- ✓ Price
- ✓ Power
- ✓ Easy to Use
- ✓ Quality
- ✓ Durability
- ✓ Great Value

Good quality tool.

Was this helpful? 😊 0 😞 0 🚩 Report

★★★★★

Great driver/ screwdriver

February 28, 2022

- ✓ Recommended
- ✓ Price
- ✓ Power
- ✓ Quality
- ✓ Great Value

Bauer brand is a quality tool at a good price

Was this helpful? 😊 1 😞 0 🚩 Report

★★★★★

Works Great!

July 8, 2022

- ✓ Recommended
- ✓ Price
- ✓ Power
- ✓ Easy to Use
- ✓ Quality
- ✓ Size/Weight
- ✓ Great Value

Got it for RV use. Good versatile tool.

Was this helpful? 😊 0 😞 0 🚩 Report

★★★★★

good tool

August 6, 2022

- ✓ Recommended
- ✓ Price
- ✓ Power
- ✓ Easy to Use
- ✓ Quality
- ✓ Durability
- ✓ Size/Weight
- ✓ Great Value

Used it on some projects

Was this helpful? 😊 0 😞 0 🚩 Report

★★★★★

good tool

September 21, 2022

- ✓ Recommended
- ✓ Price
- ✓ Easy to Use
- ✓ Quality
- ✓ Durability
- ✓ Great Value

Easy to use

Was this helpful? 😊 0 😞 0 🚩 Report

US9092428: Claim 1

displaying an actionable user interface object, wherein the actionable user interface object is associated with a label representing the first name or description or the second name or description;

For Example: an actionable user interface object is displayed and is associated with a label (good tool) representing the first description (5* description, "good tool").

CUSTOMER REVIEWS

4.7
Out of 5
Based on 4717 Reviews

5 Stars 3700
4 Stars 766
3 Stars 101
2 Stars 56
1 Star 94

What Customers Like Best
Price 100+
Power 100+
Great Value 100+
Quality 100+

96%
of Customers Would Recommend This Item

Write A Review Share your experience to help others
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CUSTOMER PHOTOS AND VIDEOS

good tool X
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Well made August 17, 2022
★★★★★
✓ Recommended Good quality tool.
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Was this helpful? 😊 0 😞 0 📧 Report

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good tool August 6, 2022
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good tool September 21, 2022
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US9092428: Claim 1

allowing the user to select the first name or description or the second name or description as a user-specified or user-desired attribute;

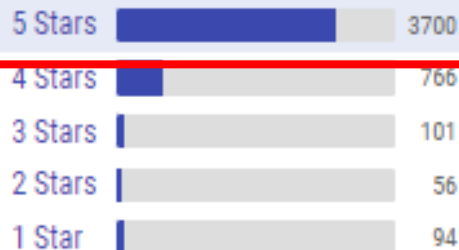
For Example: the user can select 5-star (first description) as a user specified attribute.

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Price 100+

Power 100+

Great Value 100+

Quality 100+

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3700 Reviews Matching "5 Stars" | Clear Filter



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- ✓ Recommended
- ✓ Price
- ✓ Power
- ✓ Easy to Use
- ✓ Quality
- ✓ Size/Weight
- ✓ Great Value
- ✓ Features

Good

Was this helpful? 😊 0 ☹️ 0 Report

US9092428: Claim 1

and performing, by the computer system, an action on the word or phrase associated with the user-specified or user-desired semantic attribute, wherein the action includes at least extracting, displaying, storing, showing or hiding, or highlighting or un-highlighting the word or phrase.

For Example: when the customer types “easy” in the search window, the computer displays all of the reviews with “easy” in the descriptions of the 5* reviews.

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5 Stars 3700
4 Stars 766
3 Stars 101
2 Stars 56
1 Star 94

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